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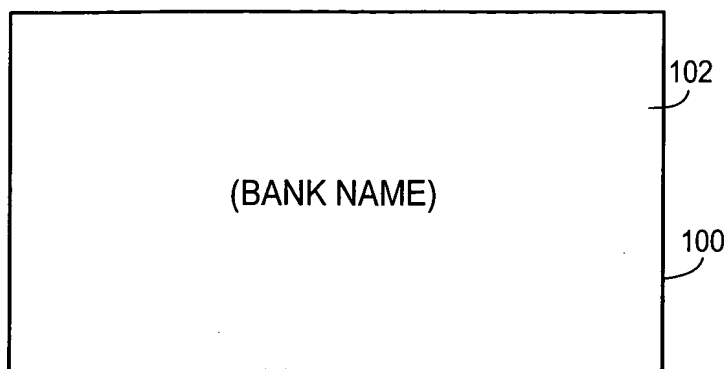
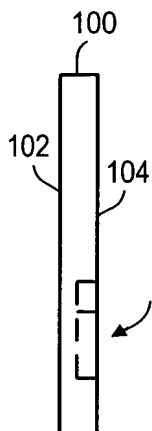
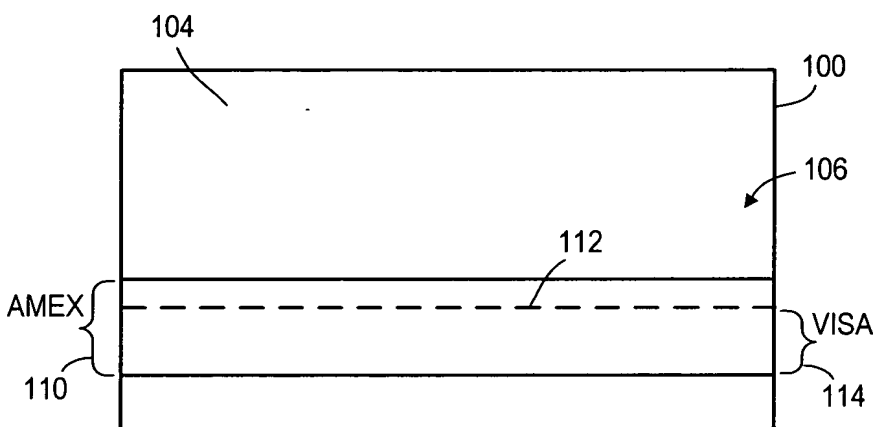


Fig. 1



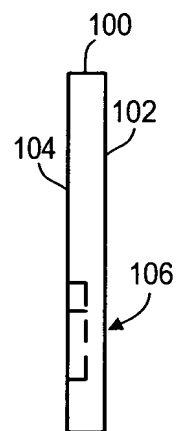
PRIOR ART

Fig. 4



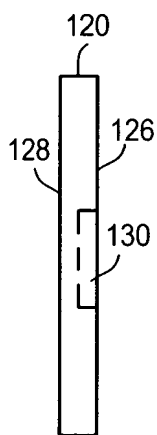
PRIOR ART

Fig. 2



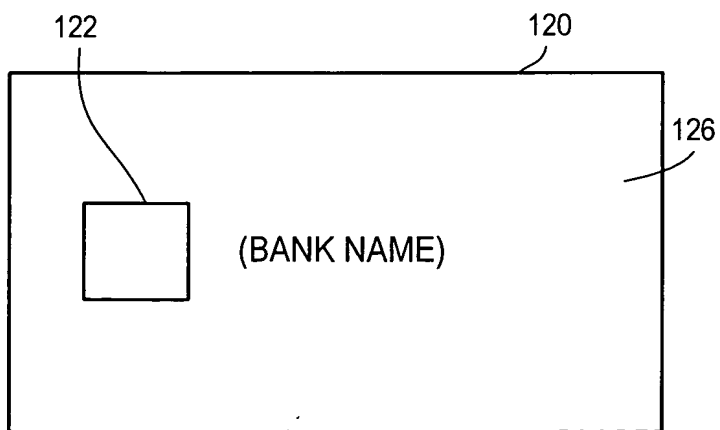
PRIOR ART

Fig. 3



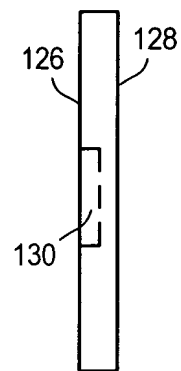
PRIOR ART

Fig. 7



PRIOR ART

Fig. 5



PRIOR ART

Fig. 6

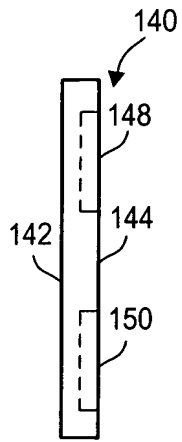


Fig. 10

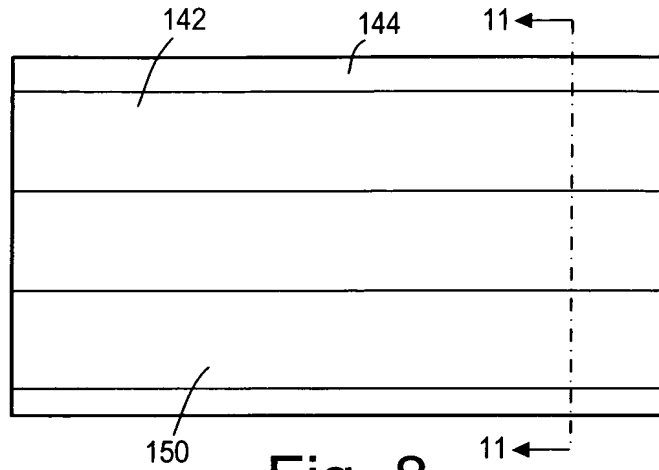


Fig. 8

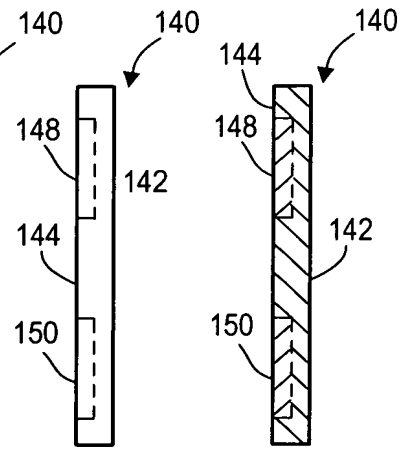


Fig. 9 Fig. 11

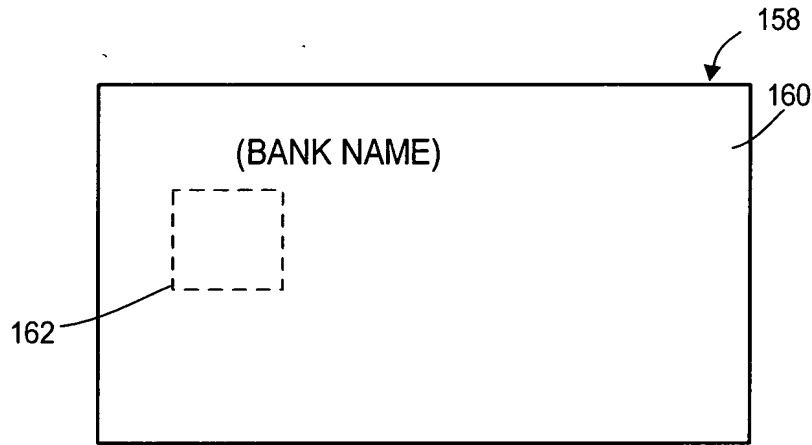


Fig. 12

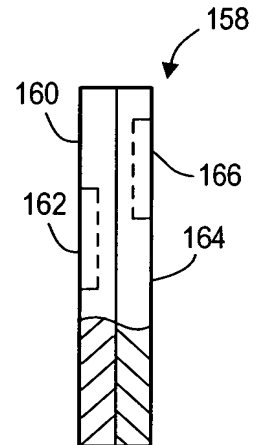


Fig. 13

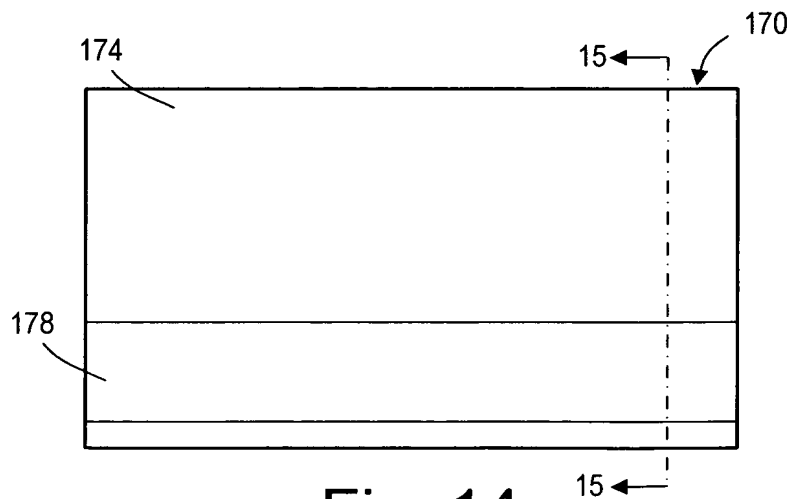


Fig. 14

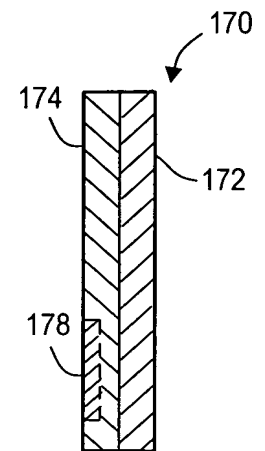


Fig. 15

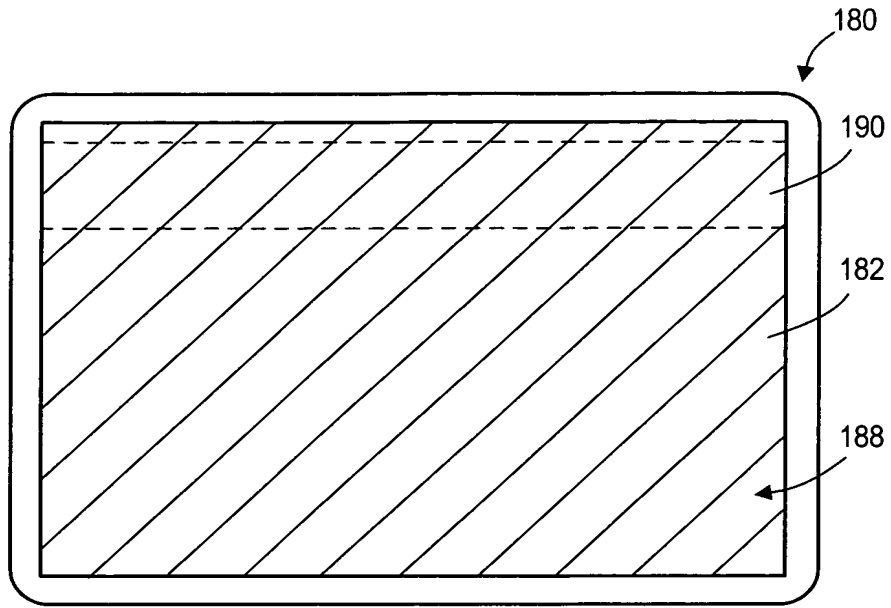


Fig. 16

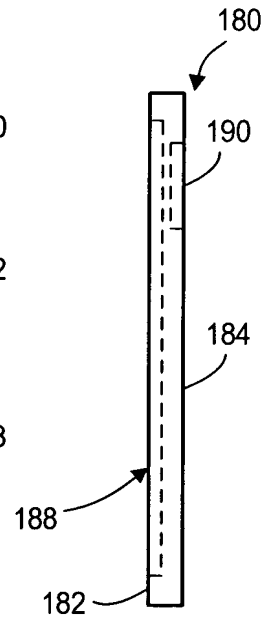


Fig. 17

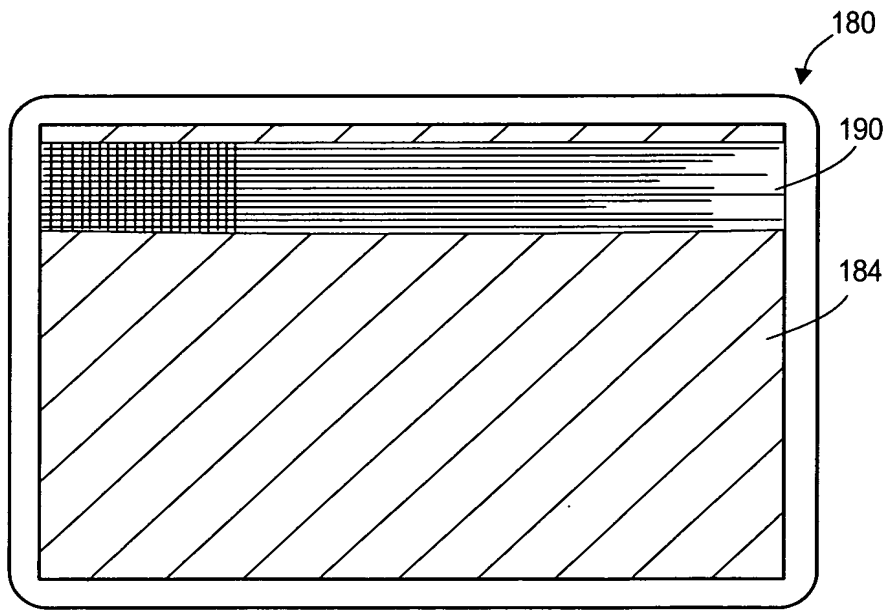


Fig. 18

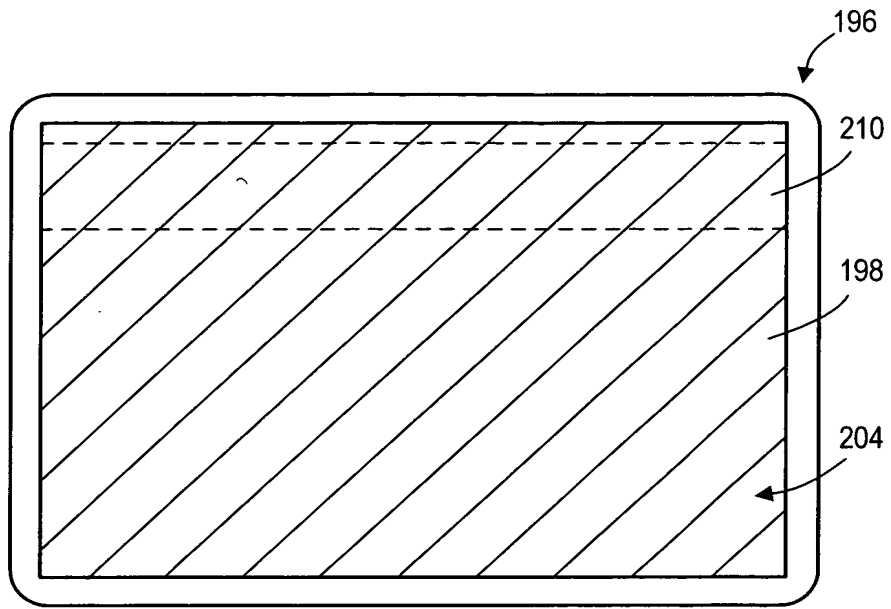


Fig. 19

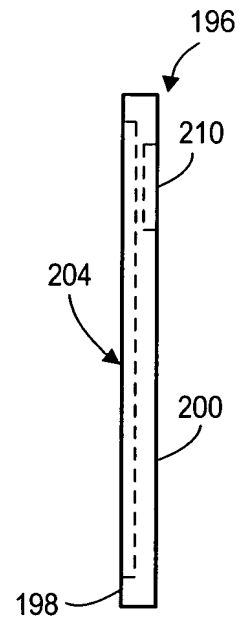


Fig. 20

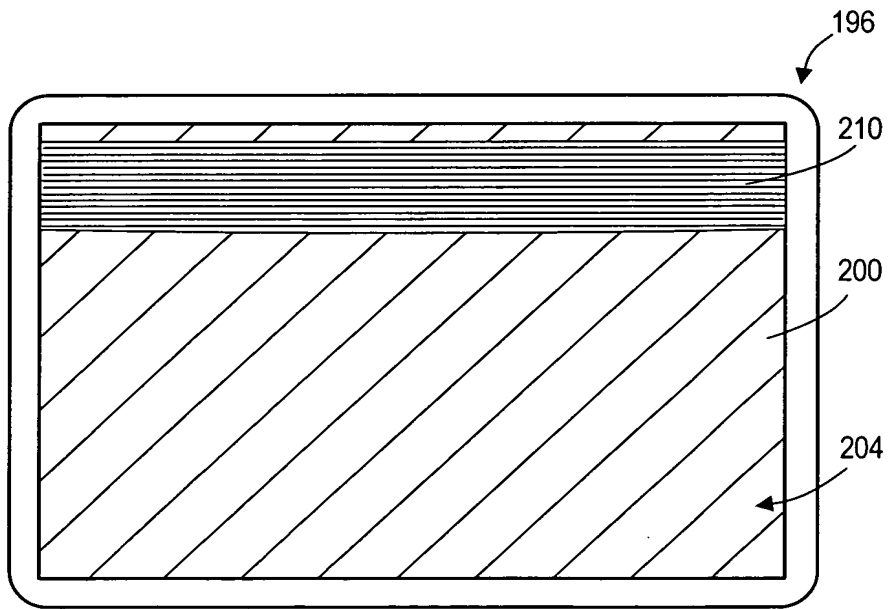


Fig. 21

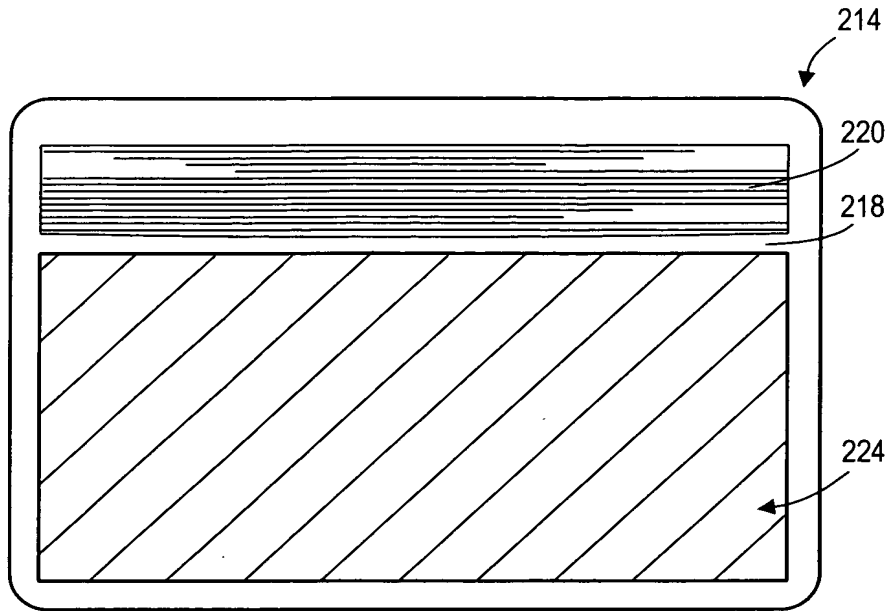


Fig. 22

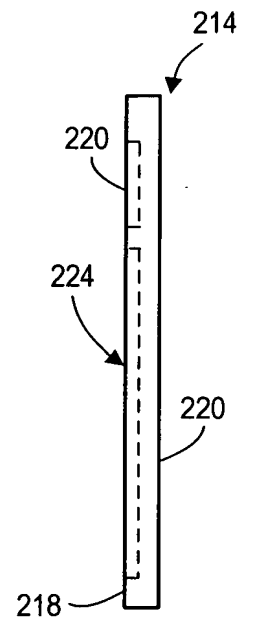


Fig. 23

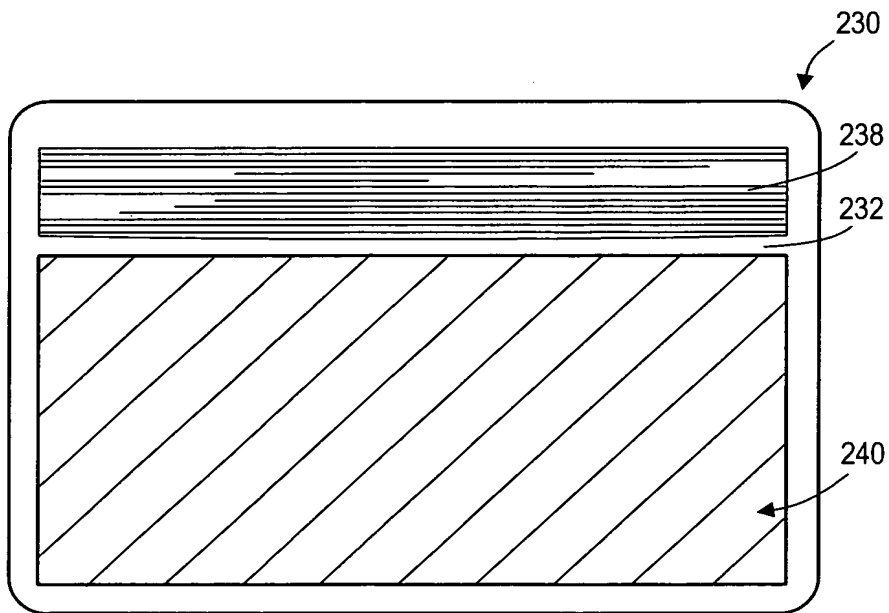


Fig. 24

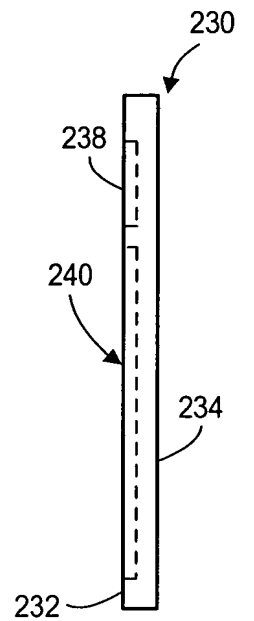


Fig. 25

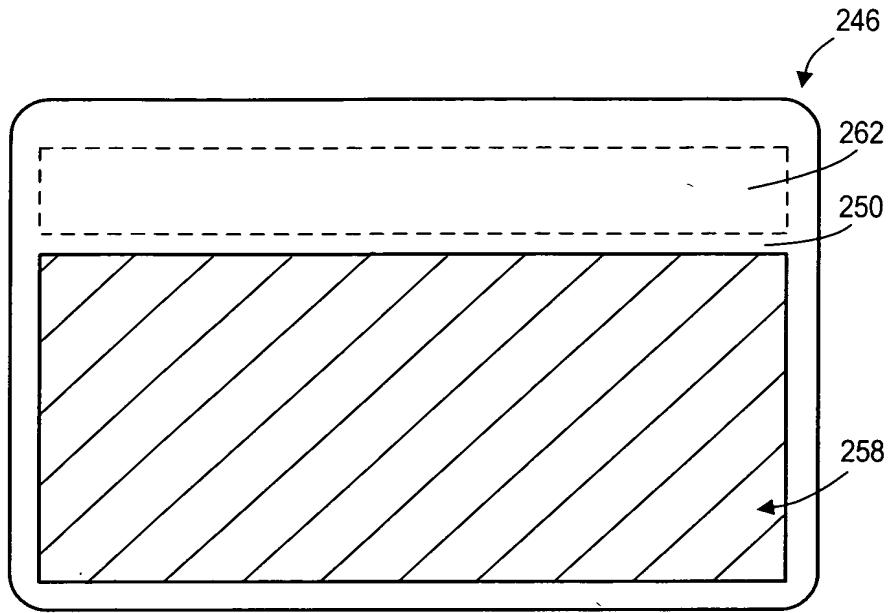


Fig. 26

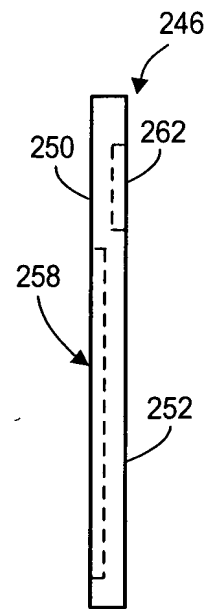


Fig. 27

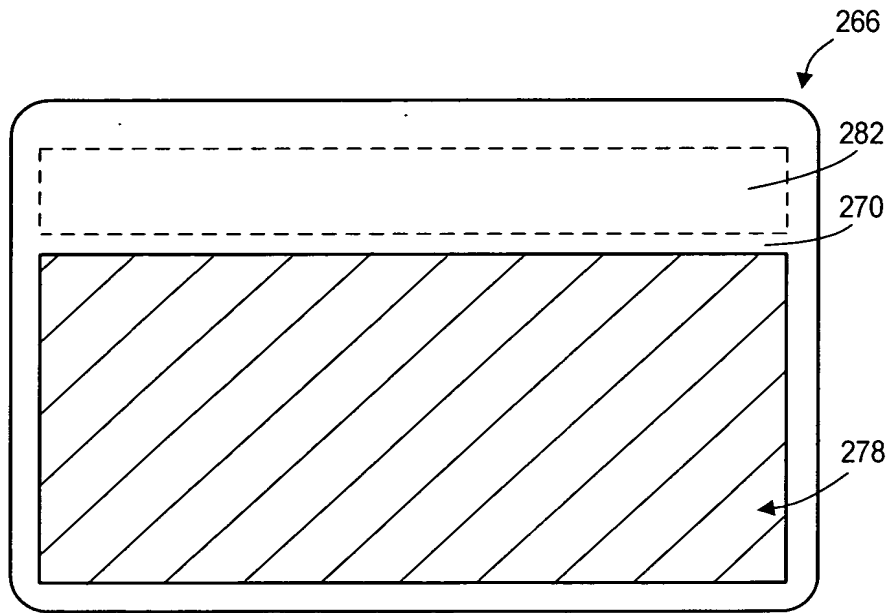


Fig. 28

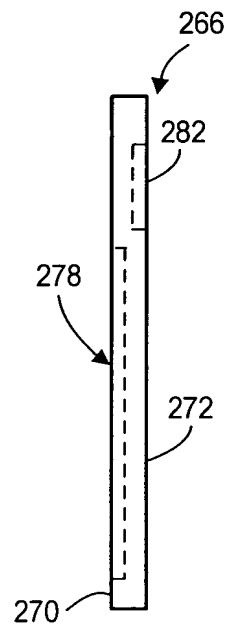


Fig. 29

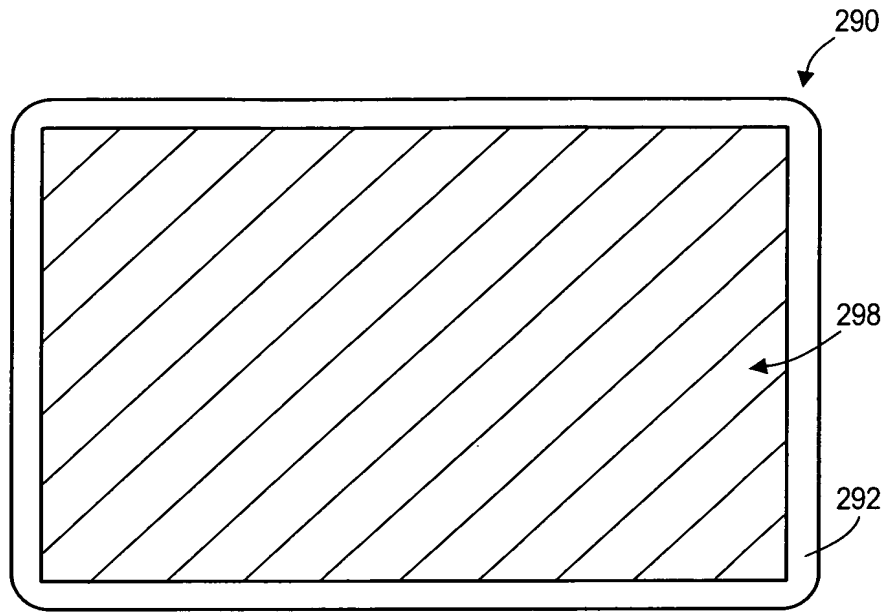


Fig. 30

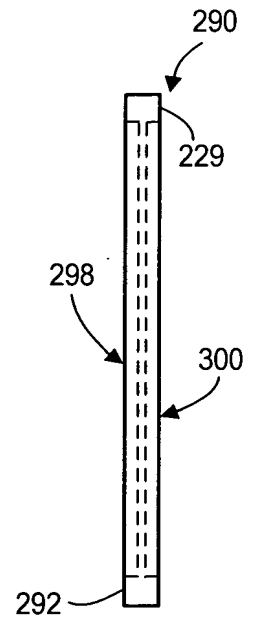


Fig. 31

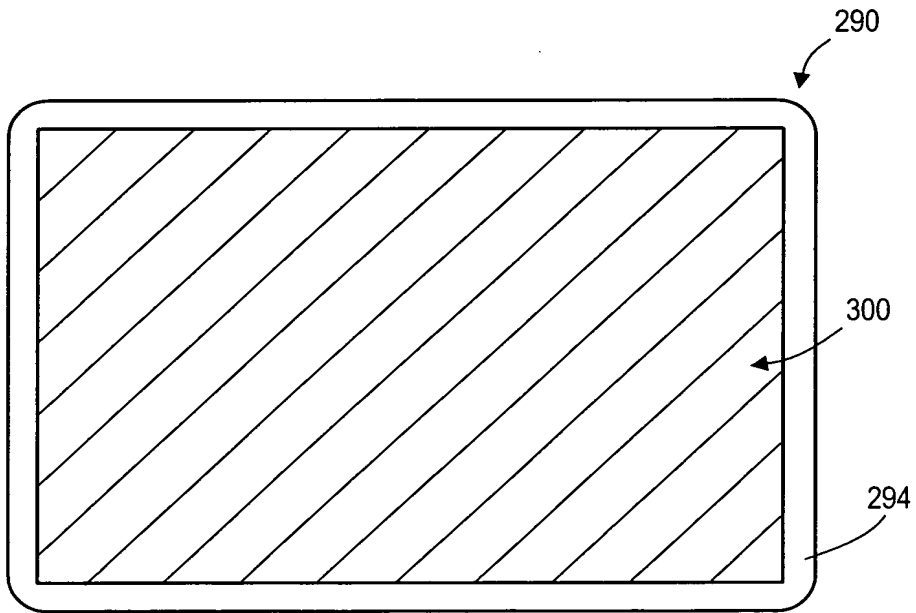


Fig. 32

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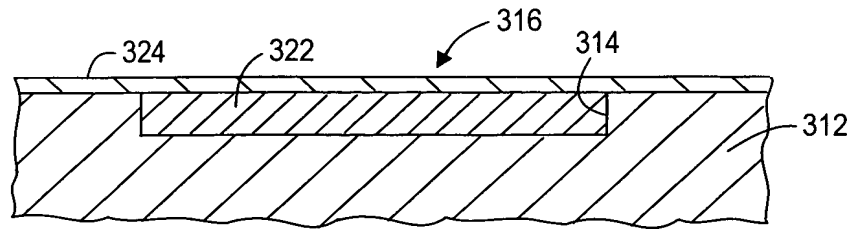


Fig. 33

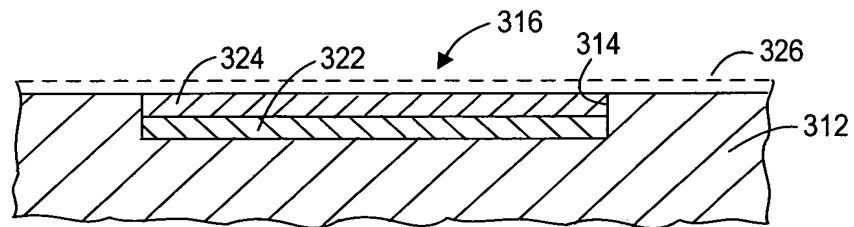


Fig. 34

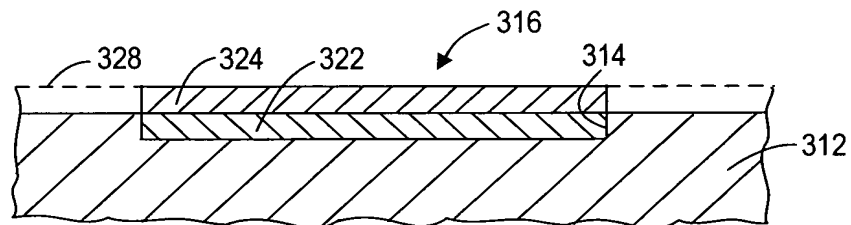


Fig. 35

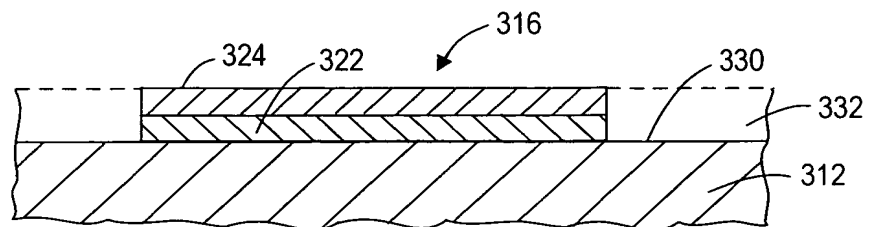


Fig. 36

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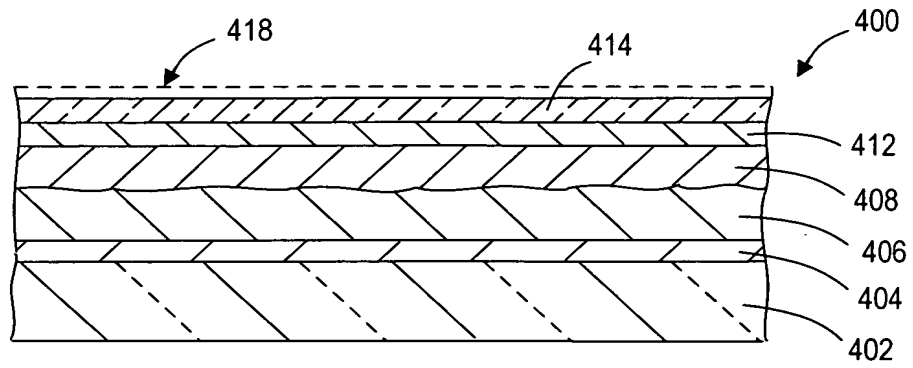


Fig. 37

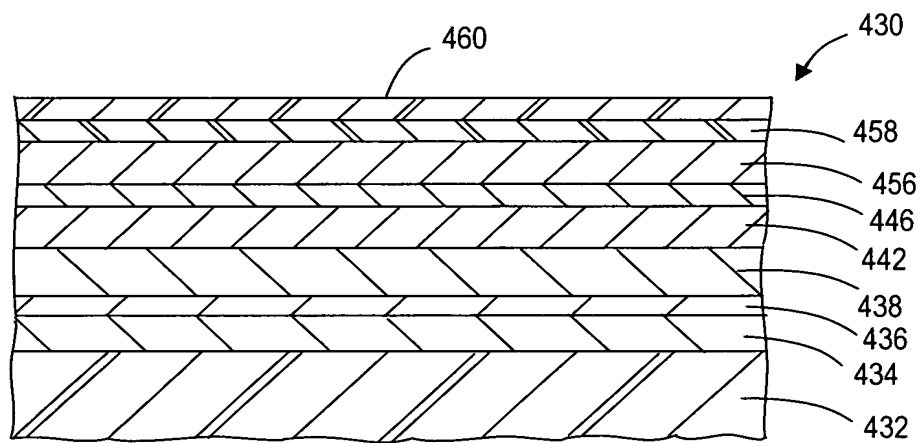


Fig. 38

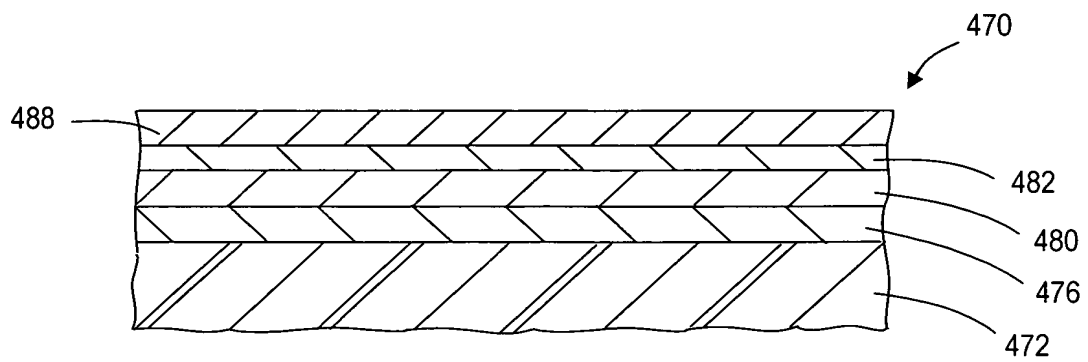


Fig. 39

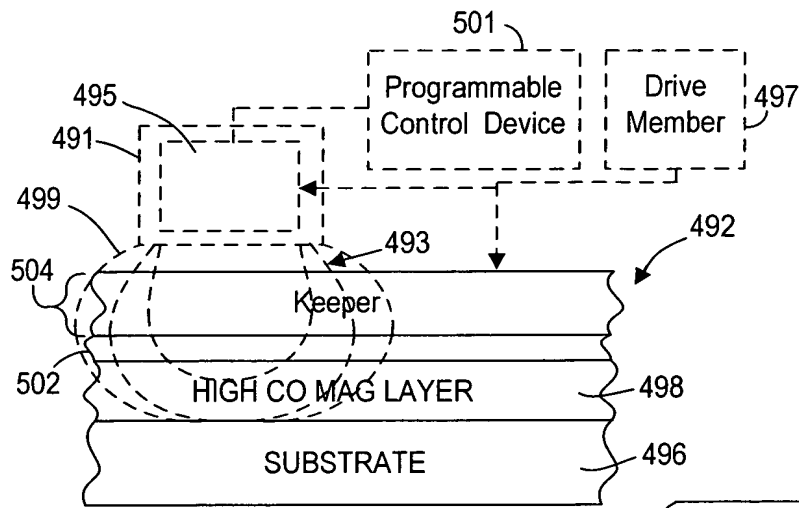


Fig. 40(A)

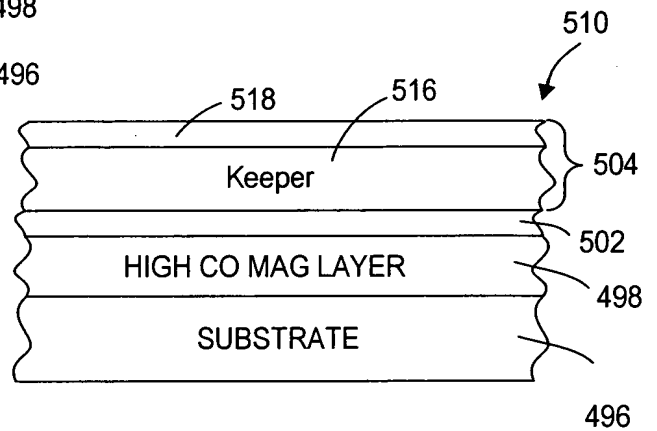


Fig. 40(B)

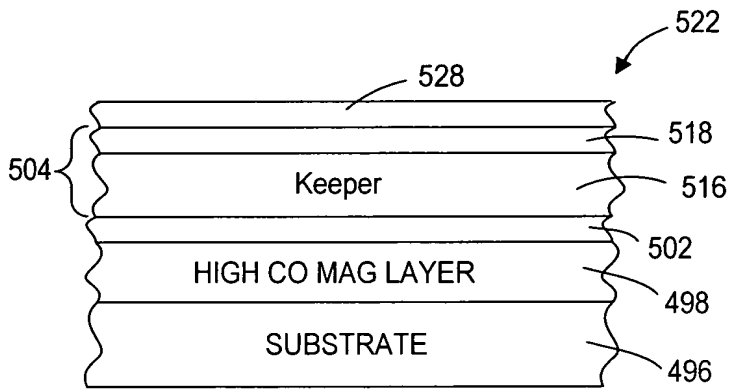


Fig. 40(C)

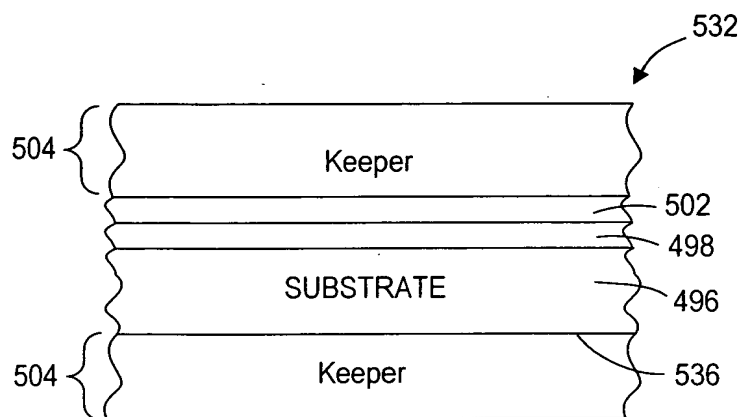


Fig. 40(D)

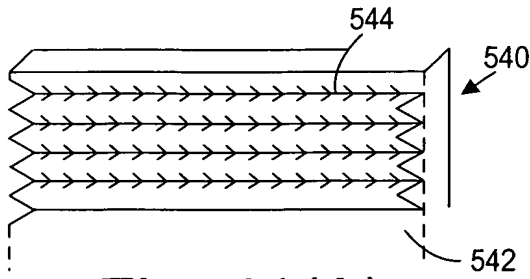


Fig. 41(A)

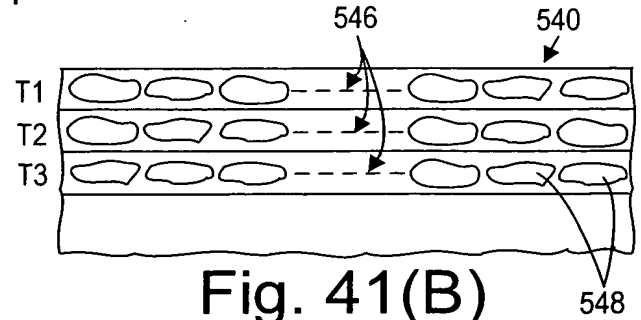


Fig. 41(B)

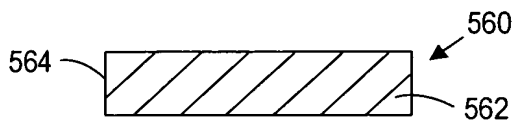


Fig. 42(A)

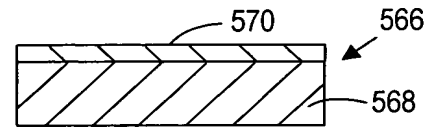


Fig. 42(B)

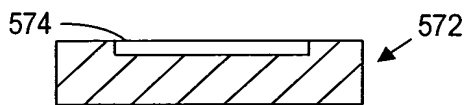


Fig. 43(A)

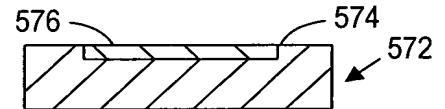


Fig. 43(B)

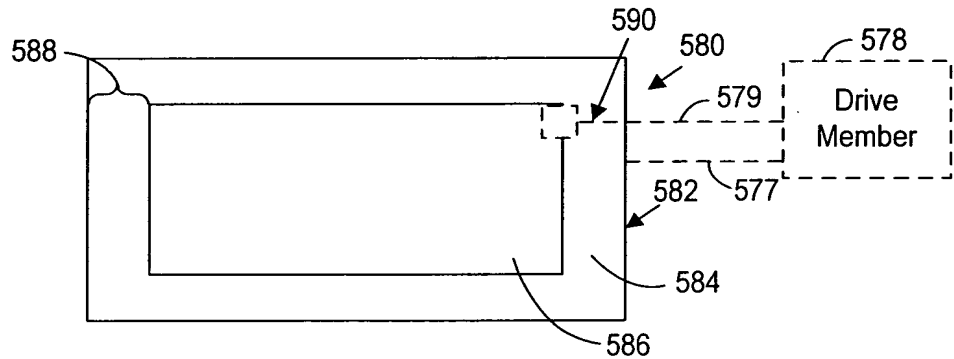


Fig. 44

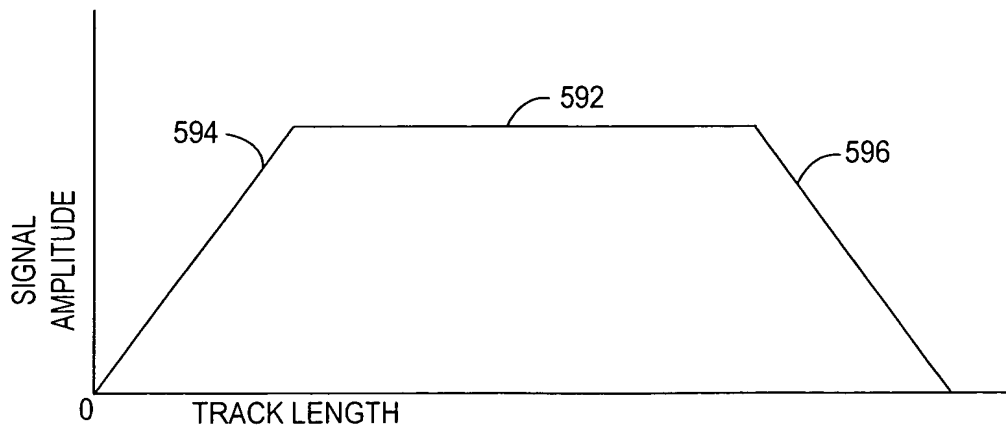


Fig. 45

Simplified Card Reader Schematic

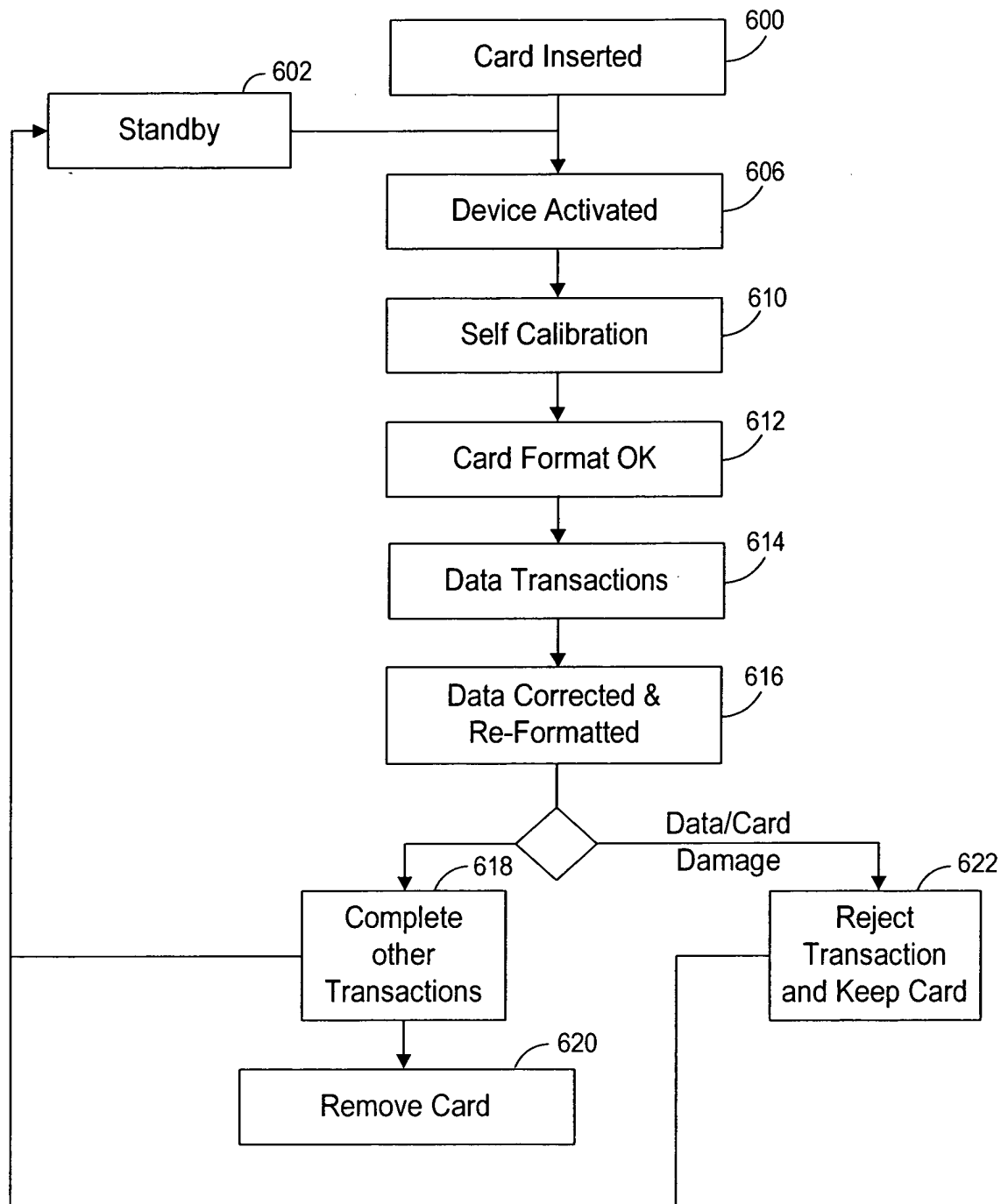


Fig. 46

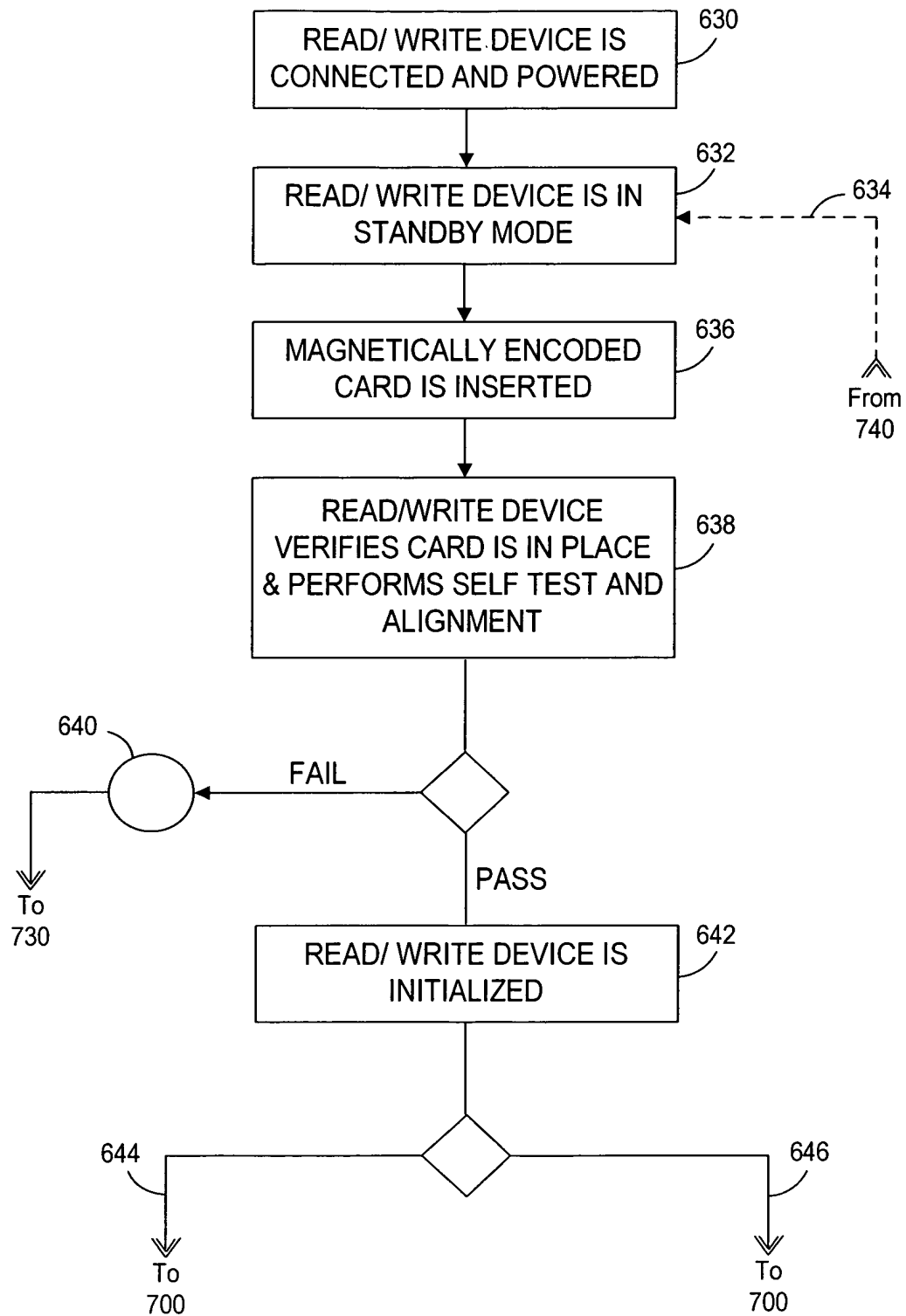


Fig. 47

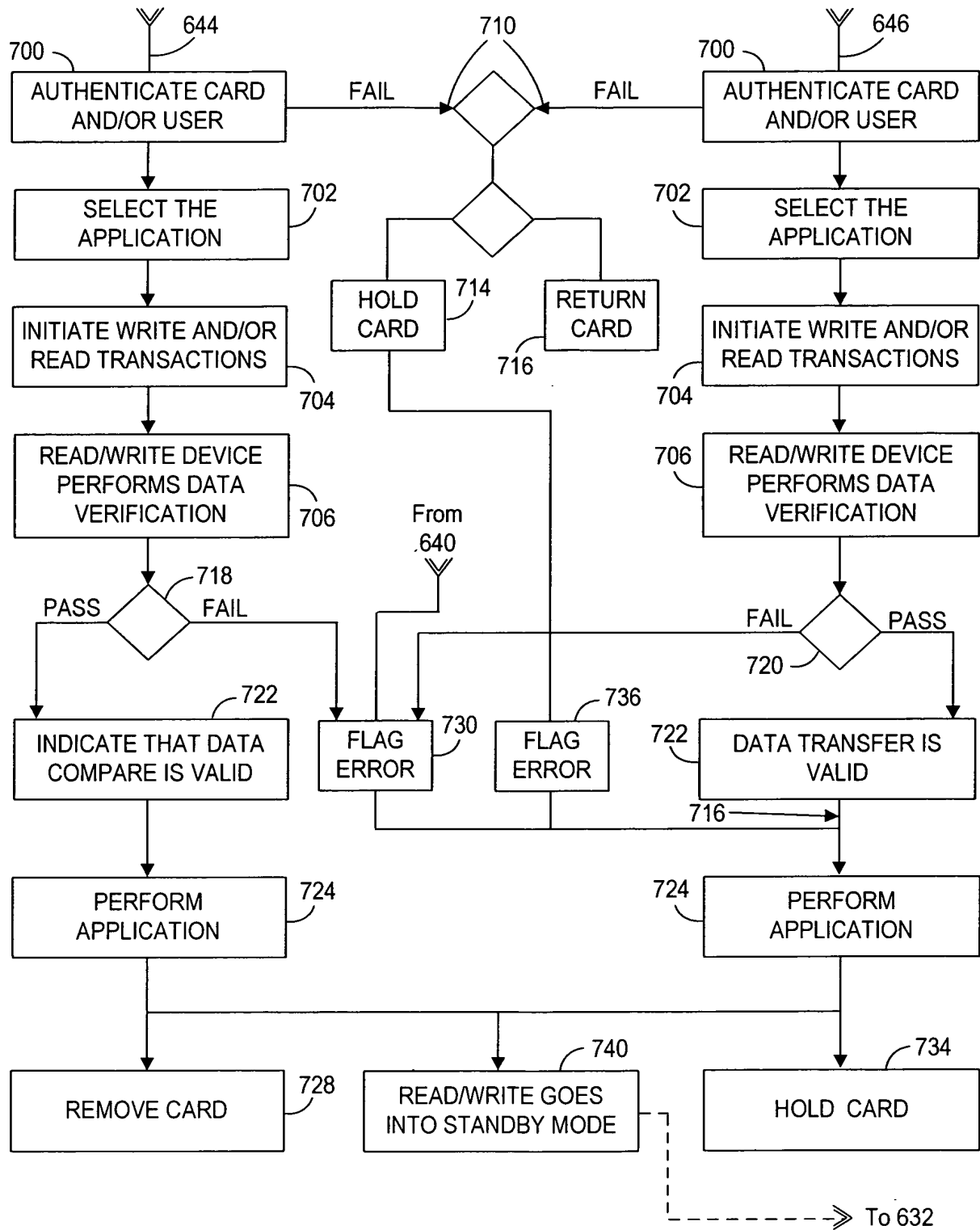


Fig. 48

Simplified Card Cleaner Schematic

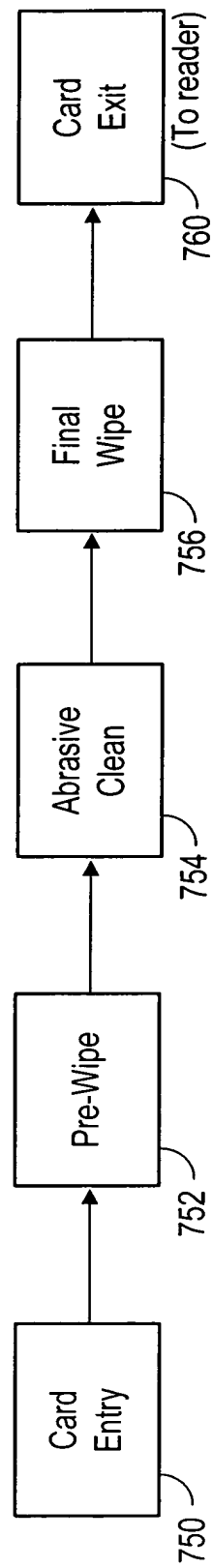


Fig. 49

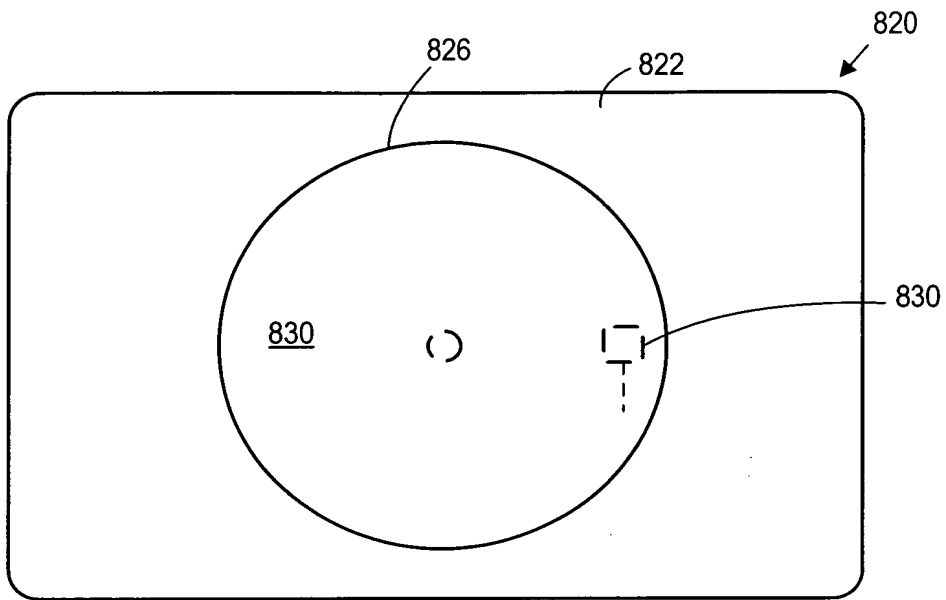


Fig. 53

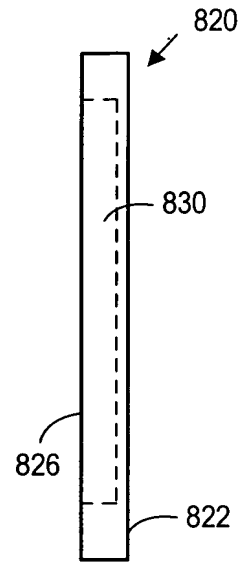


Fig. 54

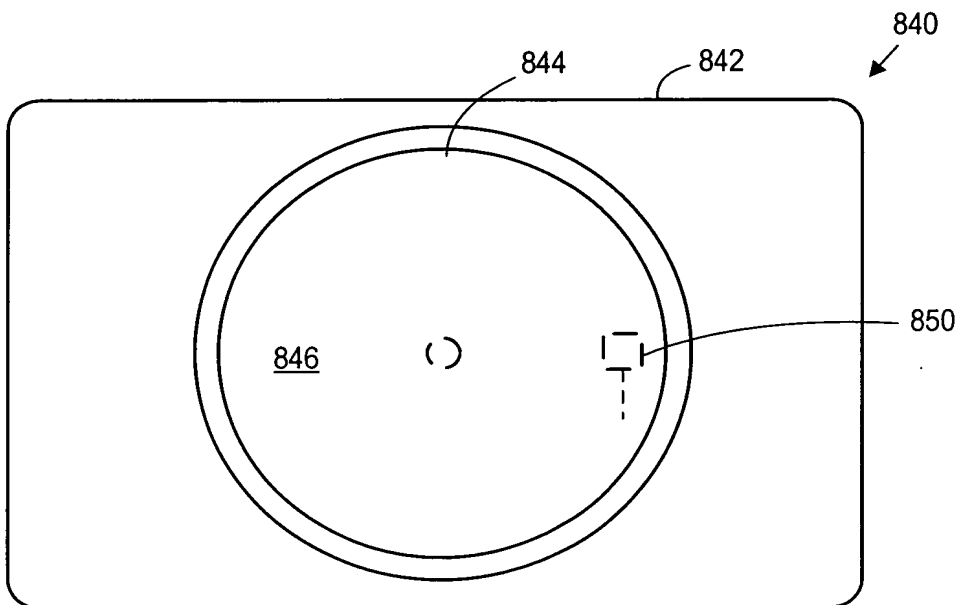


Fig. 55

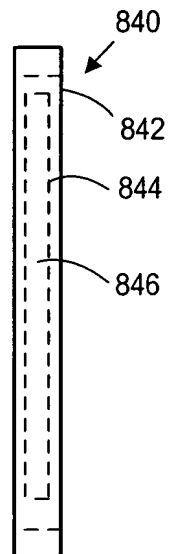


Fig. 56

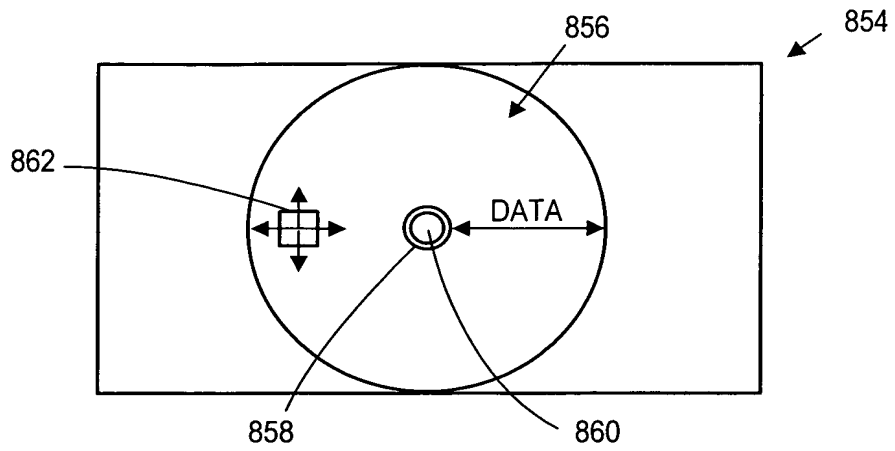


Fig. 57

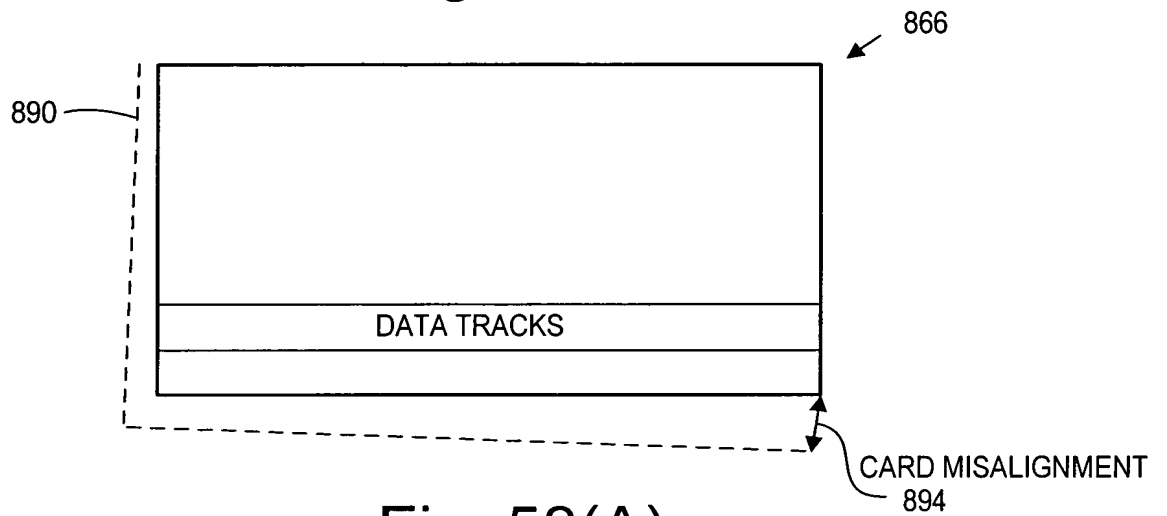


Fig. 58(A)

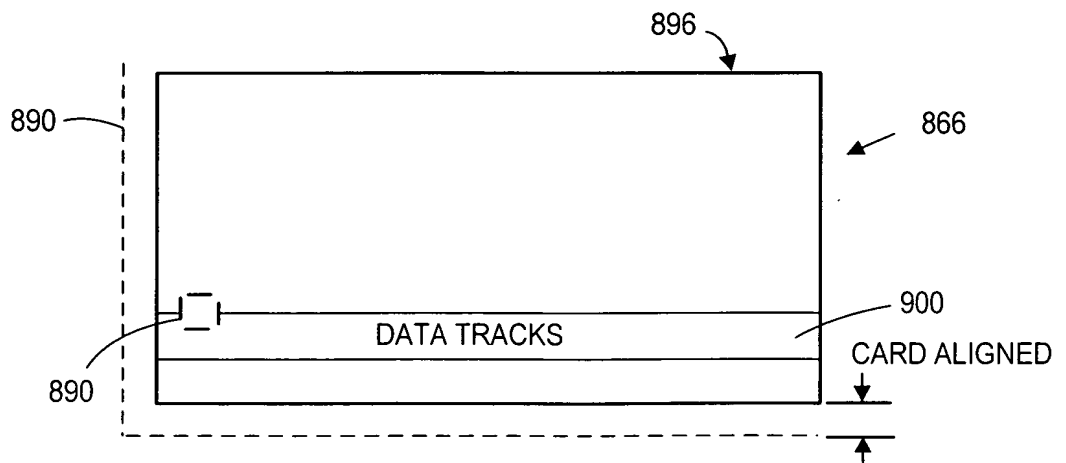


Fig. 58(B)

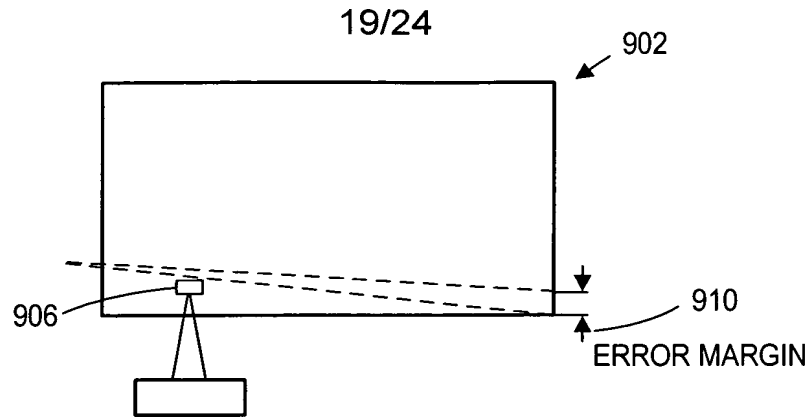


Fig. 59(A)

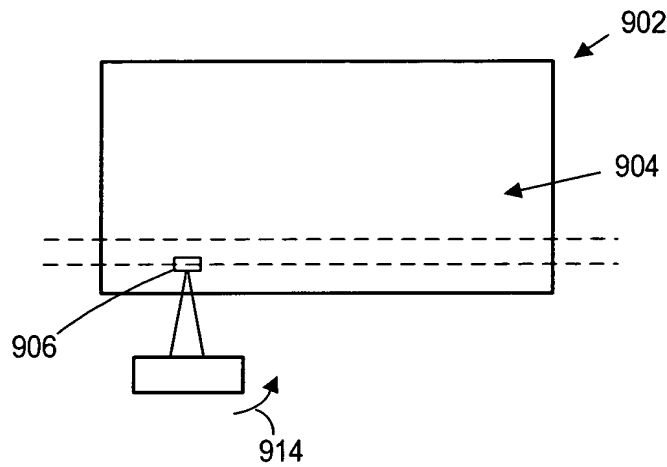


Fig. 59(B)

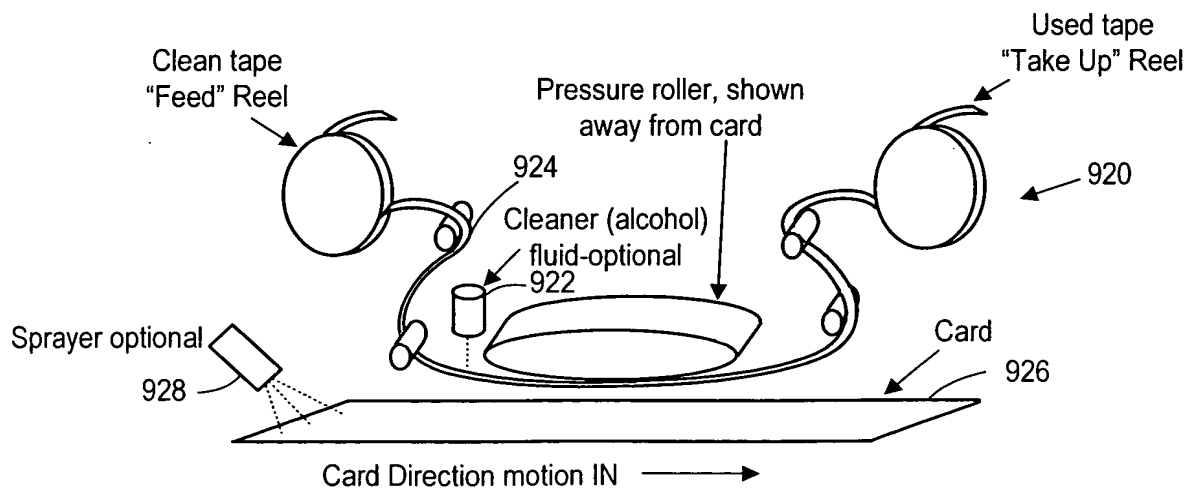


Fig. 60

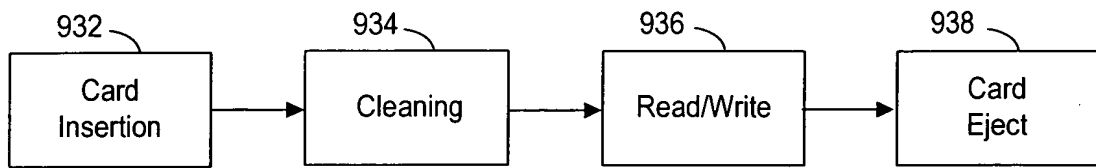


Fig. 61

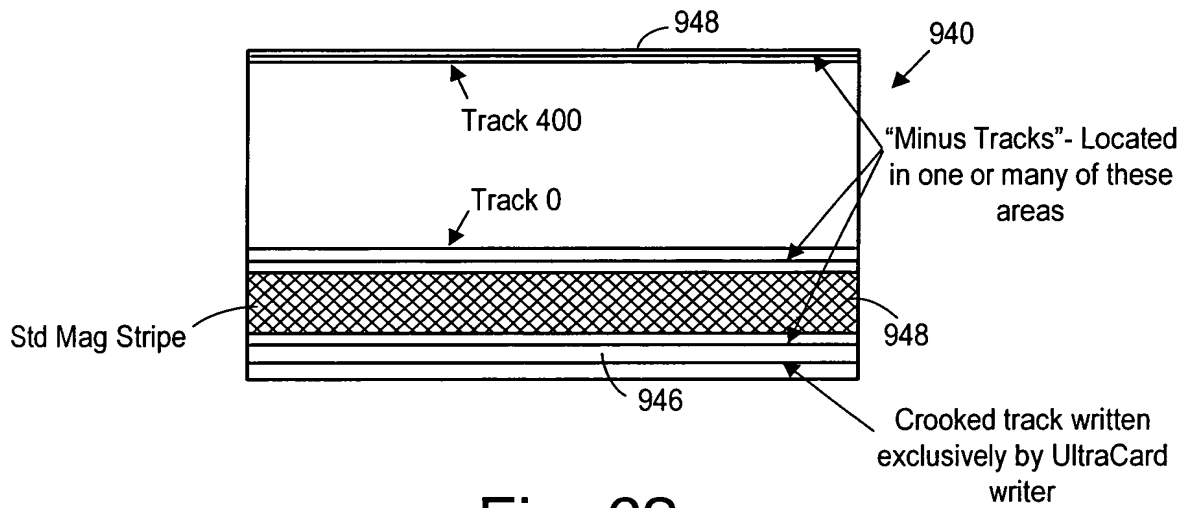


Fig. 62

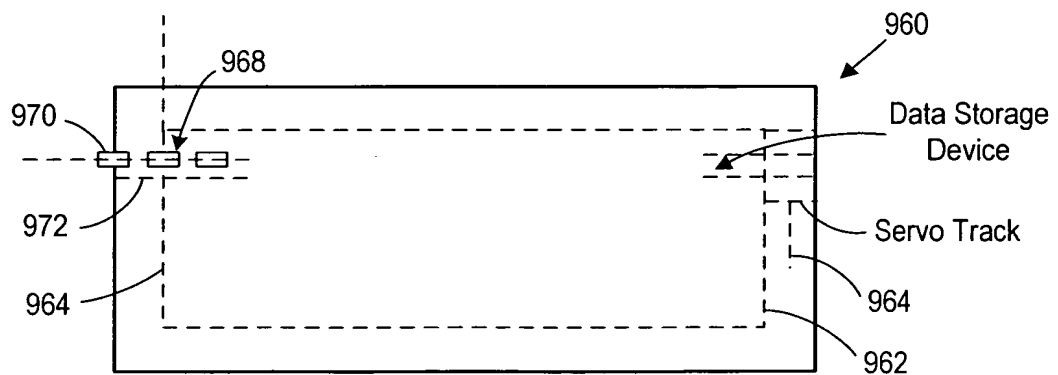


Fig. 63

Fig. 64

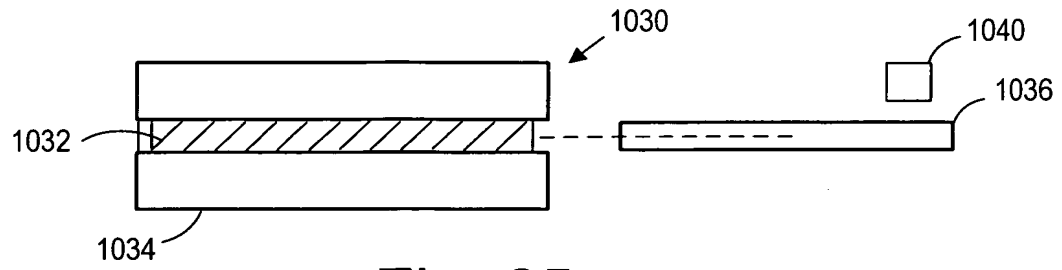


Fig. 65

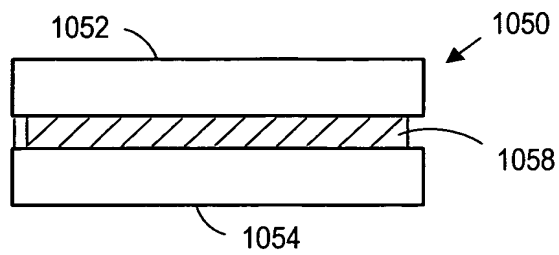


Fig. 66(A)

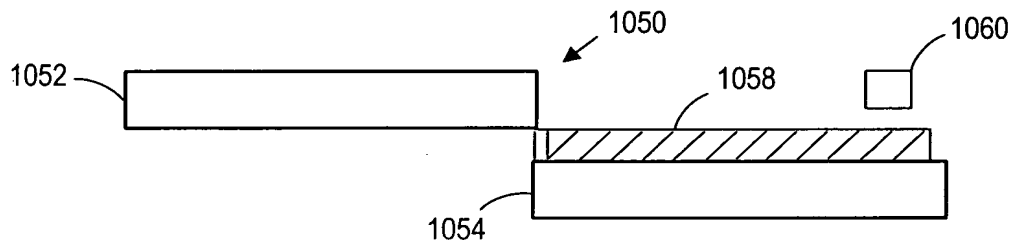


Fig. 66(B)

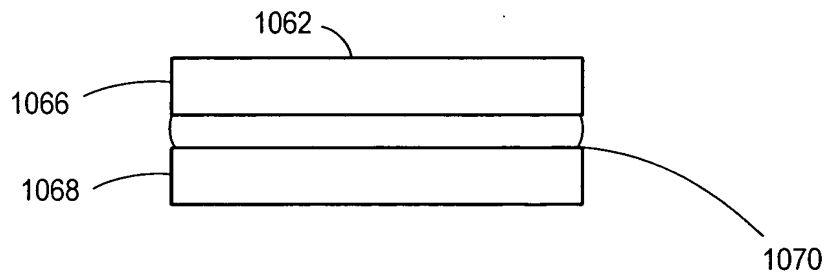


Fig. 67

Linear Down Card

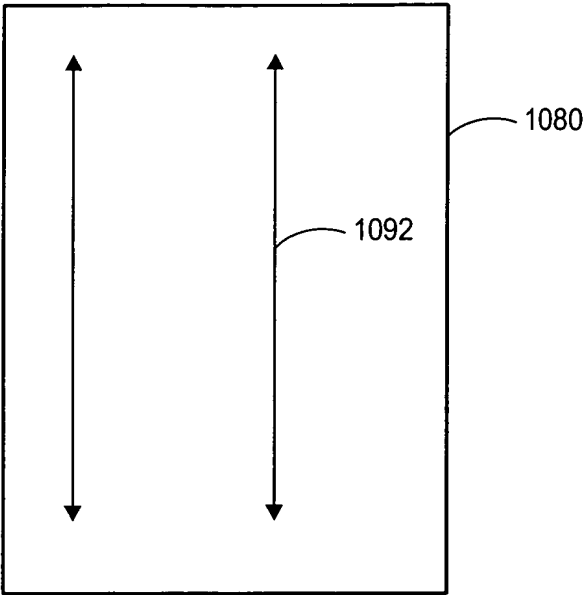


Fig. 68

Linear Cross Card

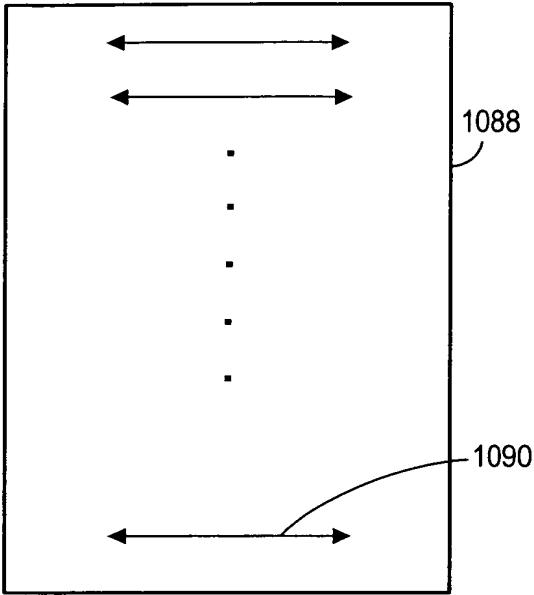


Fig. 69

Rotating

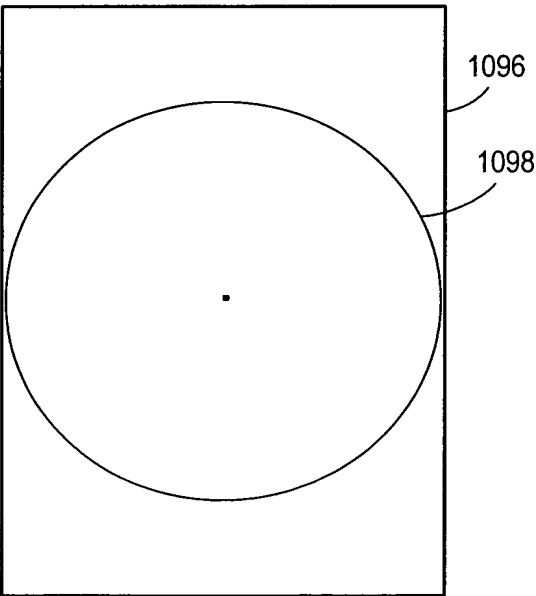


Fig. 70

Arcuate Cross Card

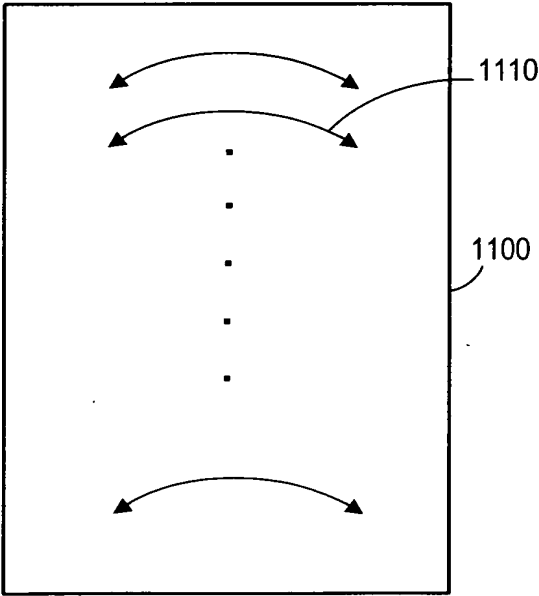


Fig. 71

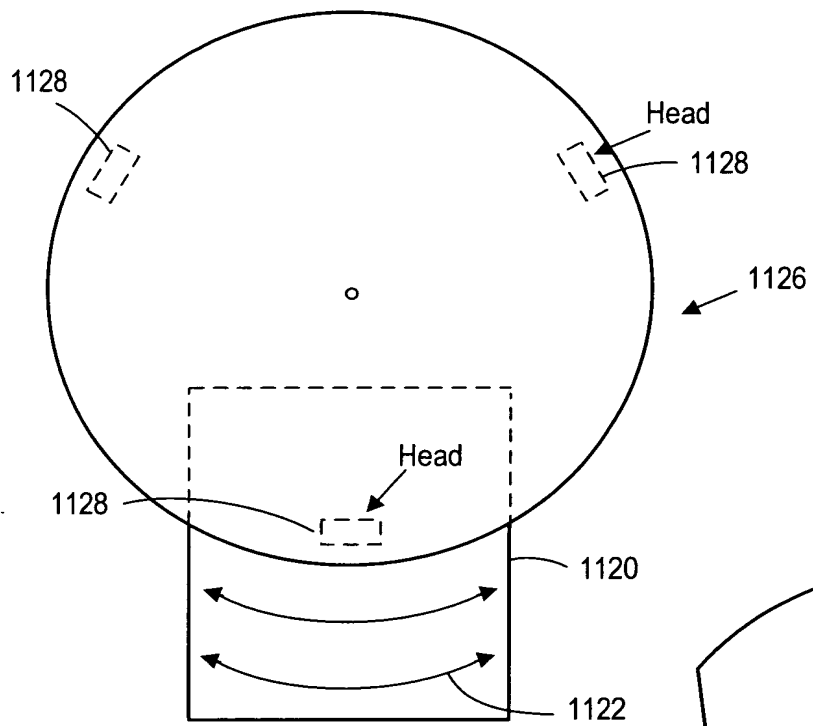
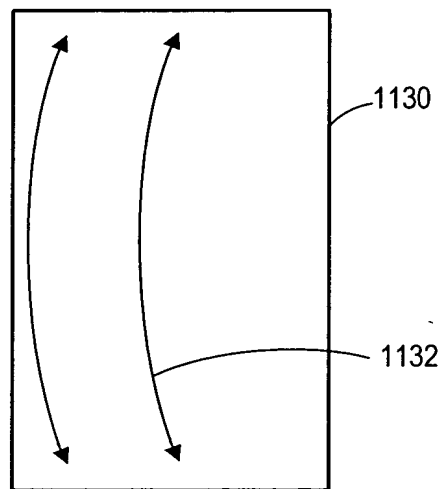
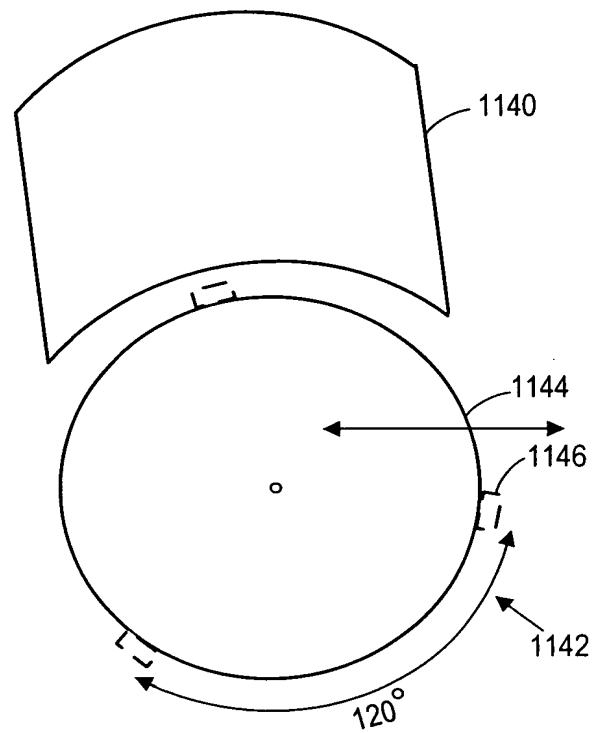


Fig. 72



Arcuate Down Card

Fig. 73



Rotating Scanner

Fig. 74